

WHAT IS CLAIMED IS:

1. A method of establishing a plurality of target device settings for at least one target device based on a plurality of source device settings of a source device via a network, comprising the steps of:

5 writing each setting of said plurality of source device settings to said at least one target device;

generating an invalid setting indication for each setting not accepted by said at least one target device;

querying said at least one target device for setting information based on each said invalid setting indication; and

10 writing, for at least one of said each setting not accepted by said at least one target device, a value to said at least one target device, said value corresponding to said setting information.

2. The method of claim 1, further comprising the step of retrieving said plurality of source device settings from a location prior to said writing said each setting.

3. The method of claim 1, further comprising the step of retrieving an optimized list of source device settings from a location, wherein said writing said each setting includes writing said each setting according to said optimized list of source device settings.

4. The method of claim 3, wherein said optimized list of source device settings is based on a dependency of one of said each setting upon another of said each setting.

5. The method of claim 1, further comprising the step of verifying an acceptance of said each setting by said at least one target device prior to said generating said invalid setting indication.

6. The method of claim 1, wherein said source device transmits a program to a computer via said network, said computer having access to said at least one target device via said network, said program executing on said computer to perform said steps of said writing said each setting, said generating said invalid setting indication, 5 said querying said at least one target device, and said writing said value.

7. The method of claim 1, further comprising the step of constructing at least one error tracking page listing each said invalid setting indication.

8. The method of claim 7, wherein said at least one error tracking page corresponds to said at least one target device.

9. The method of claim 7, wherein said at least one error tracking page corresponds to a unique network identifier of said at least one target device.

10. The method of claim 1, wherein said setting information includes a current target device setting.

11. The method of claim 1, wherein said setting information includes available settings for said at least one target device.

12. A computer readable storage device storing a set of computer executable instructions for implementing a method of establishing a plurality of target device settings for at least one target device based on a plurality of source device settings of a source device via a network, said method comprising the steps of:

5 writing each setting of said plurality of source device settings to said at least one target device;

generating an invalid setting indication for each setting not accepted by said at least one target device;

querying said at least one target device for setting information based on each 10 said invalid setting indication; and

writing, for at least one of said each setting not accepted by said at least one target device, a value to said at least one target device, said value corresponding to said setting information.

13. The computer readable storage device of claim 12, further comprising the step of retrieving said plurality of source device settings from a location prior to said writing said each setting.

14. The computer readable storage device of claim 12, further comprising the step of retrieving an optimized list of source device settings from a location, wherein said writing said each setting includes writing said each setting according to said optimized list of source device settings.

15. The computer readable storage device of claim 14, wherein said optimized list of source device settings is based on a dependency of one of said each setting upon another of said each setting.

16. The computer readable storage device of claim 12, further comprising the step of verifying an acceptance of said each setting by said at least one target device prior to said generating said invalid setting indication.

17. The computer readable storage device of claim 12, wherein said source device transmits a program to a computer via said network, said computer having access to said at least one target device via said network, said program executing on said computer to perform said steps of said writing said each setting, said generating
5 said invalid setting indication, said querying said at least one target device, and said writing said value.

18. The computer readable storage device of claim 12, further comprising the step of constructing at least one error tracking page listing each said invalid setting indication.

19. The computer readable storage device of claim 18, wherein said at least one error tracking page corresponds to said at least one target device.

20. The computer readable storage device of claim 18, wherein said at least one error tracking page corresponds to a unique network identifier of said at least one target device.

21. The computer readable storage device of claim 12, wherein said setting information includes a current target device setting.

22. The computer readable storage device of claim 12, wherein said setting information includes available settings for said at least one target device.

23. An imaging apparatus having a controller configured to execute computer executable instructions for implementing a method of establishing a plurality of target device settings for at least one target device based on a plurality of source device settings of a source device via a network, said method comprising the steps of:

5 writing each setting of said plurality of source device settings to said at least one target device;

 generating an invalid setting indication for each setting not accepted by said at least one target device;

 querying said at least one target device for setting information based on each
10 said invalid setting indication; and

 writing, for at least one of said each setting not accepted by said at least one target device, a value to said at least one target device, said value corresponding to said setting information.

24. The imaging apparatus of claim 23, further comprising the step of retrieving said plurality of source device settings from a location prior to said writing said each setting.

25. The imaging apparatus of claim 23, further comprising the step of retrieving an optimized list of source device settings from a location, wherein said

writing said each setting includes writing said each setting according to said optimized list of source device settings.

26. The imaging apparatus of claim 25, wherein said optimized list of source device settings is based on a dependency of one of said each setting upon another of said each setting.

27. The imaging apparatus of claim 23, further comprising the step of verifying an acceptance of said each setting by said at least one target device prior to said generating said invalid setting indication.

28. The imaging apparatus of claim 23, wherein said source device transmits a program to a computer via said network, said computer having access to said at least one target device via said network, said program executing on said computer to perform said steps of said writing said each setting, said generating said invalid
5 setting indication, said querying said at least one target device, and said writing said value.

29. The imaging apparatus of claim 23, further comprising the step of constructing at least one error tracking page listing each said invalid setting indication.

30. The imaging apparatus of claim 29, wherein said at least one error tracking page corresponds to said at least one target device.

31. The imaging apparatus of claim 29, wherein said at least one error tracking page corresponds to a unique network identifier of said at least one target device.

32. The imaging apparatus of claim 23, wherein said setting information includes a current target device setting.

33. The imaging apparatus of claim 23, wherein said setting information includes available settings for said at least one target device.